

CLAIMS

What is claimed is:

1. A system, comprising:
a database manager coupled to a database, the data base manager:
joins a first trigger tree to an operator tree by interconnecting a flow operator between the first trigger tree and the operator tree;
and
joins a second trigger tree to an operator tree by interconnecting a flow operator between a temporary table and the operator tree and interconnecting an ordered union operator between the flow operator and the second trigger tree.
2. The system of claim 1 wherein the temporary table stores rows of an input table that are affected by execution of an activating statement.
3. The system of claim 2 wherein the rows of the input table that are affected by execution of the activating statement are pipelined to a trigger associated with the first trigger tree.
4. The system of claim 1 wherein the database manager joins a plurality of trigger trees to an operator tree by connecting each tree to a parallel union operator and interconnecting a flow operator between the parallel union operator and the operator tree.
5. The system of claim 1 wherein the database manager joins a plurality of trigger trees to an operator tree by connecting each trigger tree to a parallel union operator, interconnecting an ordered union operator between the parallel union operator and a flow operator, and interconnecting the flow operator between the temporary table and the operator tree.
6. A method, comprising:
executing a first type of triggers in parallel with each other;

pipelining the first type of triggers with an activating statement; and
executing a second type of triggers in parallel with each other and
subsequent to the activating statement.

7. The method of claim 6 further comprising creating a temporary table, wherein the temporary table comprises rows of a input table that are affected by the activating statement.
8. The method of claim 7 further comprising providing the rows of the temporary table as input to the first type of triggers.
9. The method of claim 6 further comprising:
forming a plurality of execution plans associated with executing the first type of triggers, pipelining the first type of triggers with the activating statement, and executing the second type of triggers; and
evaluating the plans in terms of a performance metric.